

AVER 2203

Title: In-Mold Labels and Uses Thereof

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Abstract of the Invention

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This invention relates to an in-mold label comprising a core layer with a first and second surface and a heat seal layer on the first surface of the core layer, wherein the heat seal layer comprises a polyolefin, having a peak melt temperature of less than about 110°C and where less than about 25% of the polyolefin melts at a temperature of less than 50°C as measured by differential scanning calorimetry. The label may also contain a skin layer on the second surface of the core layer. The invention also relates to plastic substrates bonded to the label. In another aspect, the present invention also relates to a process for in-mold labeling and a process for preparing an in-mold label.

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The labels and processes provide reduced amounts of one or more of the following: blisters, both before and after bonding, shrinkage, bagginess and gage bands.